

Algebra 2
Multiplication of Complex Numbers WS #7

Name _____

Simplify.

1) $(8 + 3i)(7 + 9i)$	2) $(4 - 5i)(7 + 3i)$
3) $(6 - 7i)(5 - 8i)$	4) $(8 + 5i)(8 - 5i)$
5) $(5 + 4i)(5 - 4i)$	6) $(4 + 3i)(4 - 3i)$
7) $(4 + 8i)^2$	8) $(7 - 4i)^2$
9) $(5 + 6i)^2$	10) $(7 + 5i)(4 + 3i)$
11) $(8 - 7i)(5 + 6i)$	12) $(9 - 5i)(3 - 7i)$
13) $(4 + 9i)(4 - 9i)$	14) $(7 + 4i)(7 - 4i)$
15) $(5 + 4i)(5 - 4i)$	16) $(7 + 6i)^2$
17) $(8 - 5i)^2$	18) $(9 + 7i)^2$